

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims presented in the above-identified application.

1. (previously presented) Bioactive rhenanite glass ceramic having a crystalline phase and a glass phase, the crystalline phase contains rhenanite and the glass ceramic contains the following components

| <u>Components</u> | <u>Amount (wt.-%)</u> |
|-------------------------------|-----------------------|
| SiO ₂ | 29.5 to 70.0 |
| CaO | 5.5 to 23.0 |
| Na ₂ O | 6.0 to 27.5 |
| P ₂ O ₅ | 2.0 to 23.5 |
| F | 0 to 1.5 |

and is essentially free from Al₂O₃.

2. (previously presented) Glass ceramic according to claim 1, wherein the rhenanite is present in an amount between 4 and 50 wt.-%.
3. (previously presented) Glass ceramic according to claim 1, wherein the rhenanite is present in an amount between 10 and 50 wt.-%.
4. (currently amended) Glass ceramic according to claim 1, which contains the following components independently of one another in the following amounts:

| <u>Components</u> | <u>Amount (wt.-%)</u> |
|-------------------------------|-----------------------|
| SiO ₂ | 29.5 to 65.5. |
| CaO | 6.0 to 23.0 |
| Na ₂ O | 7.0 to 25.5 |
| P ₂ O ₅ | 3.0 to 23.5 |
| F | 0.5 to 1.2. |

5. (currently amended) Glass ceramic according to claim 1, which contains the following components independently of one another in the following amounts:

| <u>Components</u> | <u>Amount (wt.-%)</u> |
|-------------------------------|-----------------------|
| SiO ₂ | 35.0 to 60.0. |
| CaO | 15.0 to 23.0 |
| Na ₂ O | 9.0 to 25.5 |
| P ₂ O ₅ | 10.0 to 23.5 |
| F | 0.5 to 1.2. |

6. (previously presented) Glass ceramic according to claim 1, in which the weight ratio of Na₂O : CaO is from 1.0 to 2.1 and the weight ratio of CaO : P₂O₅ is from 0.9 to 2.2.
7. (previously presented) Glass ceramic according to claim 1, in which the weight ratio of Na₂O : CaO is from 0.8 to 2.0 and the weight ratio of CaO : P₂O₅ is from 0.9 to 2.2.
8. (previously presented) Glass ceramic according to claim 1, which further contains at least one of the following components:

| <u>Components</u> | <u>Amount (wt.-%)</u> |
|--|-----------------------|
| R ^(I) ₂ O | 0 to 15.0 |
| R ^(II) O | 0 to 4.0 |
| R ^(III) ₂ O ₃ | 0 to 10.0 |
| R ^(IV) O ₂ | 0 to 10.0 |
| Hal | 0 to 2.0 |

wherein

R^(I) represents a monovalent cation, other than Na

R^(II) represents a divalent cation, other than Ca

R^(III) represents a trivalent cation

R^(IV) represents a quadrivalent cation, other than Si, and

Hal represents a halogenid ion, other than F.

9. (previously presented) Glass ceramic according to claim 1, in which the crystalline phase further contains at least one of the following crystalline components: sodium calcium silicate, apatite, sodium phosphate, sodium calcium phosphate and sodium potassium calcium phosphate.

10. (previously presented) Glass ceramic according to claim 1, in which the rhenanite crystals are at most 10 μm in size.
11. (previously presented) Glass ceramic according to claim 1, in which the rhenanite crystals have an average size (numerical average) of from 0.01 to 5.0 μm .
12. (previously presented) Glass ceramic according to claim 11, in which the rhenanite crystals have an average size (numerical average) of from 0.15 to 2.5 μm .
13. (canceled)
14. (previously presented) Shaped body which contains a glass ceramic according to claim 1.
15. (previously presented) Shaped body which consists of a glass ceramic according to claim 1.
16. (canceled)
17. (previously presented) Bioactive composite material which comprises the glass ceramic according to claim 1 and an organic compound.
18. (previously presented) Glass ceramic according to claim 4, wherein the CaO is present in an amount of from 11.0 to 23.0 wt.-%.
19. (previously presented) Glass ceramic according to claim 4, wherein the P_2O_5 is present in an amount of from 5.5 to 23.5 wt.-%.
20. (previously presented) Glass ceramic according to claim 5, wherein the Na_2O is present in an amount of from 7.0 to 18.0 wt.-%.
21. (previously presented) Glass ceramic according to claim 5, wherein the P_2O_5 is present in an amount of from 10.0 to 20.0 wt.-%.
22. (previously presented) Glass ceramic according to claim 8, wherein the $\text{R}^{(\text{IV})}\text{O}_2$ is present in an amount up to 1.0 wt.-%.

23. (previously presented) Glass ceramic according to claim 8, wherein the monovalent cation is K or Ag.
24. (previously presented) Glass ceramic according to claim 8, wherein the divalent cation is Zn.
25. (previously presented) Glass ceramic according to claim 8, wherein the trivalent cation is B, Nb, Ta, Y, La or a lanthanoid.
26. (previously presented) Glass ceramic according to claim 8, wherein the quadrivalent cation is Ti.
27. (previously presented) Glass ceramic according to claim 8, wherein the halogenid ion is Br or I.
28. (previously presented) Glass ceramic according to claim 12, wherein the rhenanite crystals have an average size (numerical average) of from 0.5 to 2.5 μm .